

200089US-3



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

#12103  
4/13

IN RE APPLICATION OF:

TOSHIO HASEGAWA

:  
: EXAMINER: VANOY, TIMOTHY C.

SERIAL NO. : 09/718,483

:

RCE FILED: HEREWITH

: GROUP ART UNIT: 1754

FOR: EXHAUST APPARATUS FOR  
PROCESS APPARATUS AND  
METHOD OF REMOVING  
IMPURITY GAS

AMENDMENT FILED CONCURRENTLY WITH  
REQUEST FOR CONTINUED EXAMINATION (RCE)

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

RECEIVED  
JAN 30 2003  
TECHNOLOGY CENTER 1700

Prior to a further examination on the merits, please amend the above-identified  
application as follows:

IN THE CLAIMS

Please add new Claims 34-44 as follows:

34. (New) A method for removing an impurity gas discharged from a process  
apparatus used for processing objects by using a trap mechanism, comprising:  
evacuating insides of the process apparatus and the trap mechanism;  
mixing a reaction gas with the impurity gas by an exhaust pipe connecting the process  
apparatus to the trap mechanism to convert the impurity gas to reaction by-products having a  
lower vapor pressure than that of the impurities; and  
controlling a temperature of the trap mechanism to condense and solidify the reaction  
by-products so that the trap mechanism traps the solidified reaction by-products.

C1  
Sub D1